

The diagram illustrates a laser printer system architecture. At the top, a **HOST COMPUTER** (1) is connected via a bidirectional arrow to a **LASER PRINTER** (2). The **LASER PRINTER** (2) is enclosed in a dashed box and contains several components: **ROM** (32), **RAM** (33), **MPU** (31), **I/O** (34), and an **OPERATION PANEL** (35). The **MPU** (31) is connected to the **ROM** (32) and **RAM** (33) via a bus (32). The **MPU** (31) is also connected to the **I/O** (34) via a bidirectional arrow. The **I/O** (34) is connected to the **OPERATION PANEL** (35) via a bidirectional arrow. Below the **LASER PRINTER** (2) is a **DOT CORRECTOR** (7) and an **I/F** (6). The **DOT CORRECTOR** (7) is connected to the **I/O** (34) of the **LASER PRINTER** (2) via a bidirectional arrow. The **I/F** (6) is connected to the **DOT CORRECTOR** (7) via a bidirectional arrow. Below the **I/F** (6) is the **ENGINE DRIVER** (4) and the **PRINTER ENGINE** (5). The **ENGINE DRIVER** (4) contains **ROM** (42), **RAM** (43), **CPU** (41), and **I/O** (44). The **CPU** (41) is connected to the **ROM** (42) and **RAM** (43) via a bus (42). The **CPU** (41) is also connected to the **I/O** (44) via a bidirectional arrow. The **I/O** (44) is connected to the **PRINTER ENGINE** (5) via a bidirectional arrow. The **PRINTER ENGINE** (5) contains **OPTICAL WRITING MODULE** (26), **SEQUENCE CONTROL DEVICES** (27), and **SENSORS** (28). The **OPTICAL WRITING MODULE** (26) is connected to the **I/O** (44) via a bidirectional arrow. The **SEQUENCE CONTROL DEVICES** (27) are connected to the **I/O** (44) via a bidirectional arrow. The **SENSORS** (28) are connected to the **I/O** (44) via a bidirectional arrow.

FIG. 2

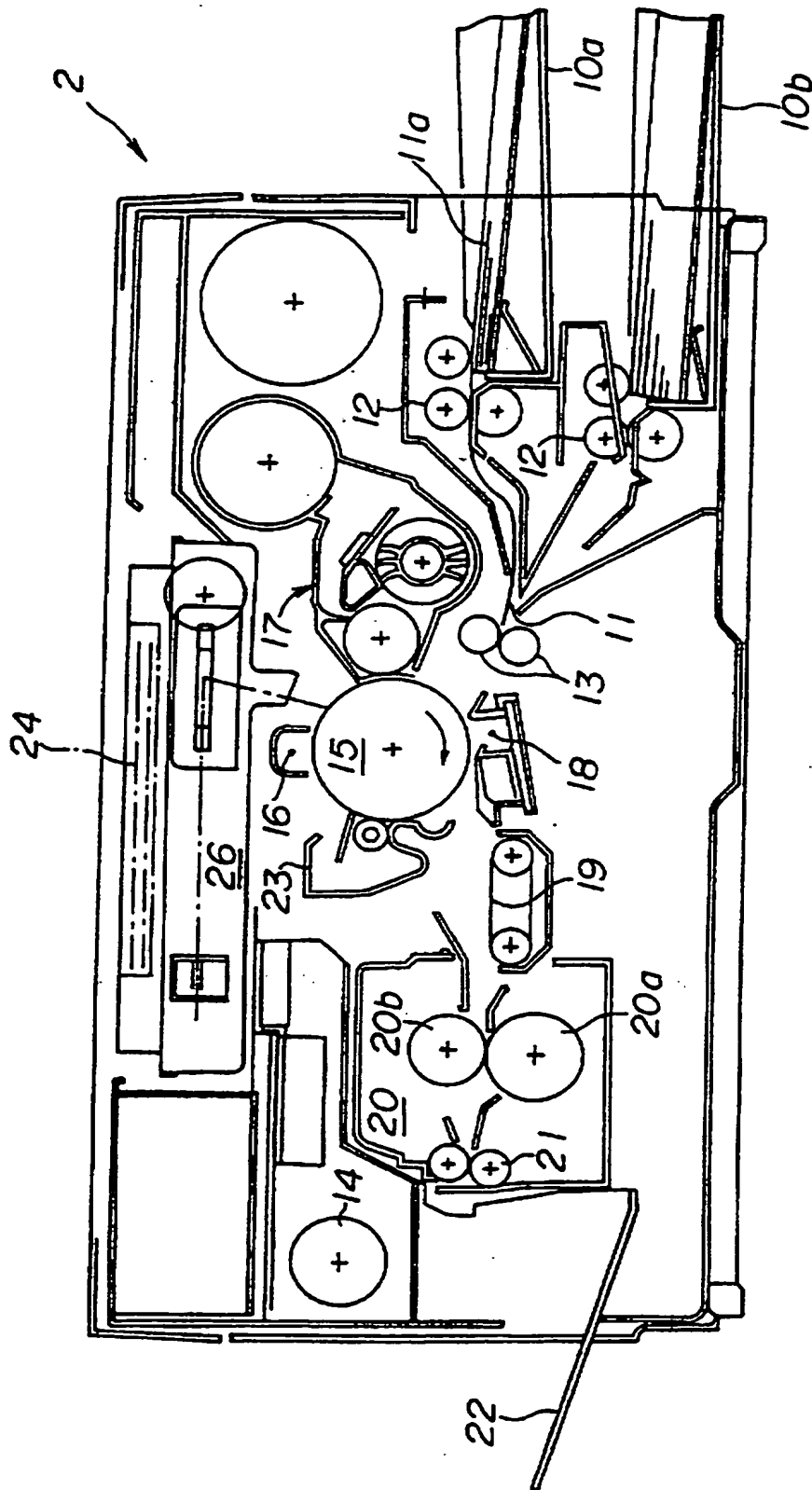


FIG. 3

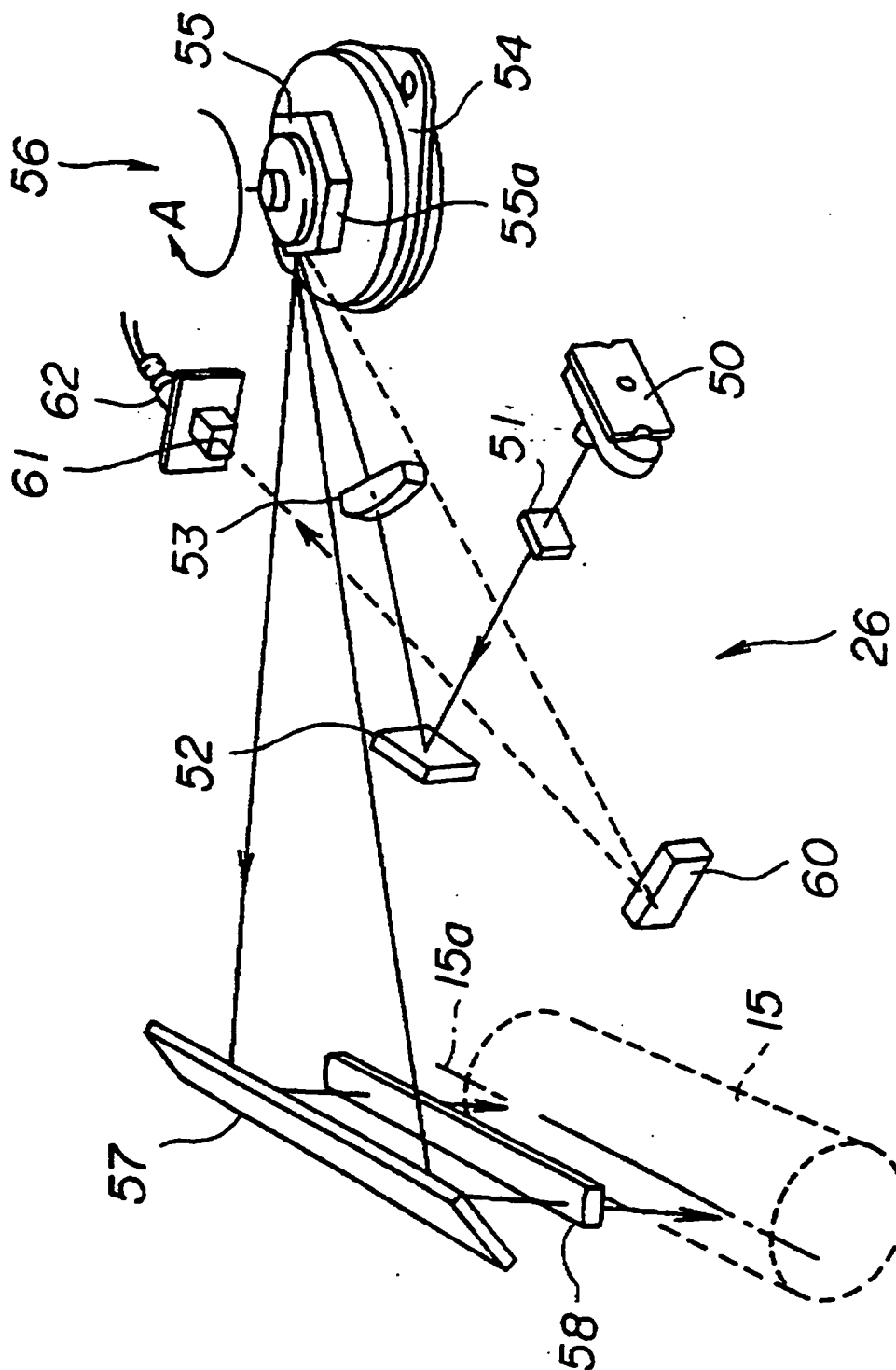


FIG. 4

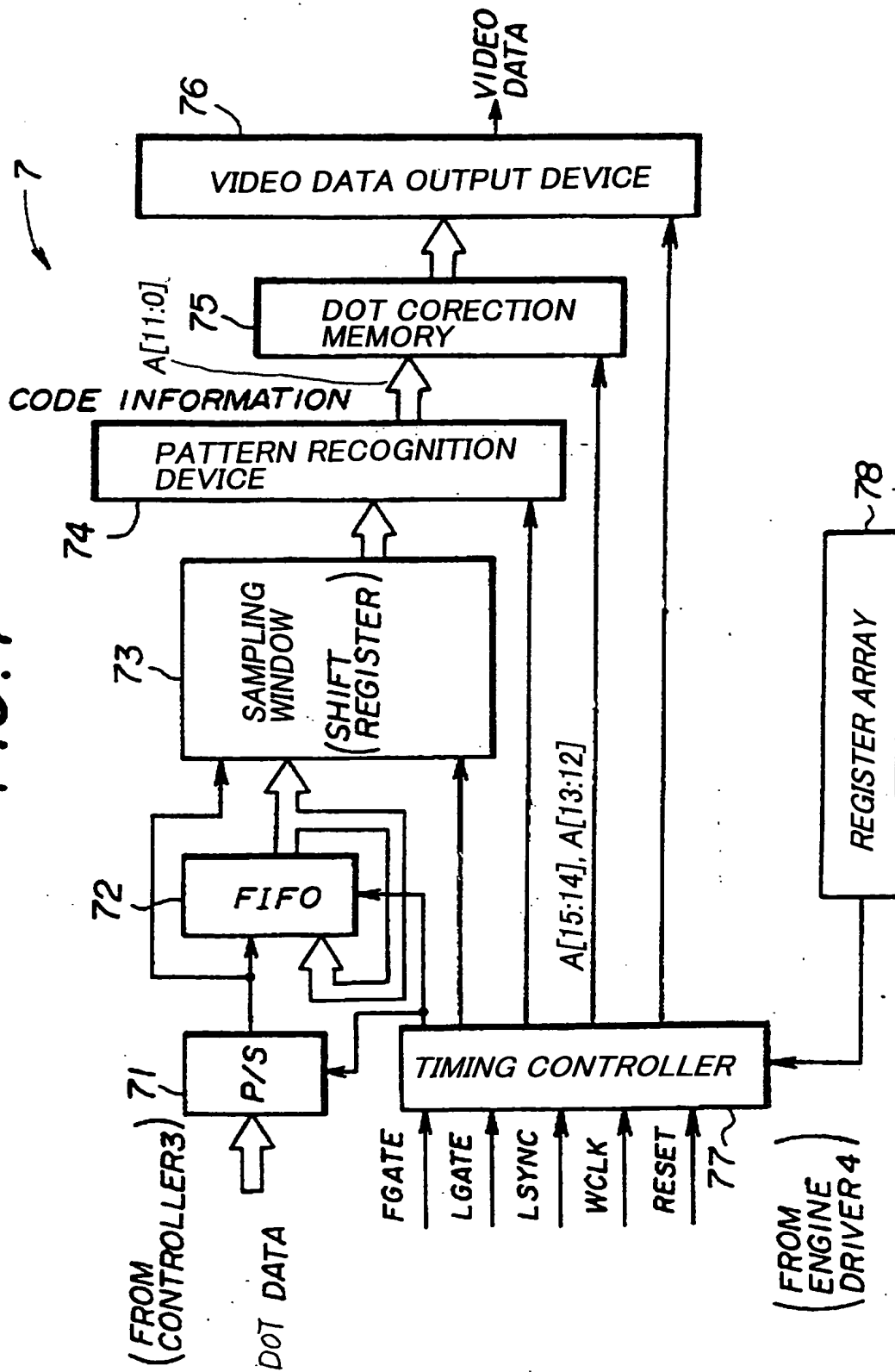


FIG. 5

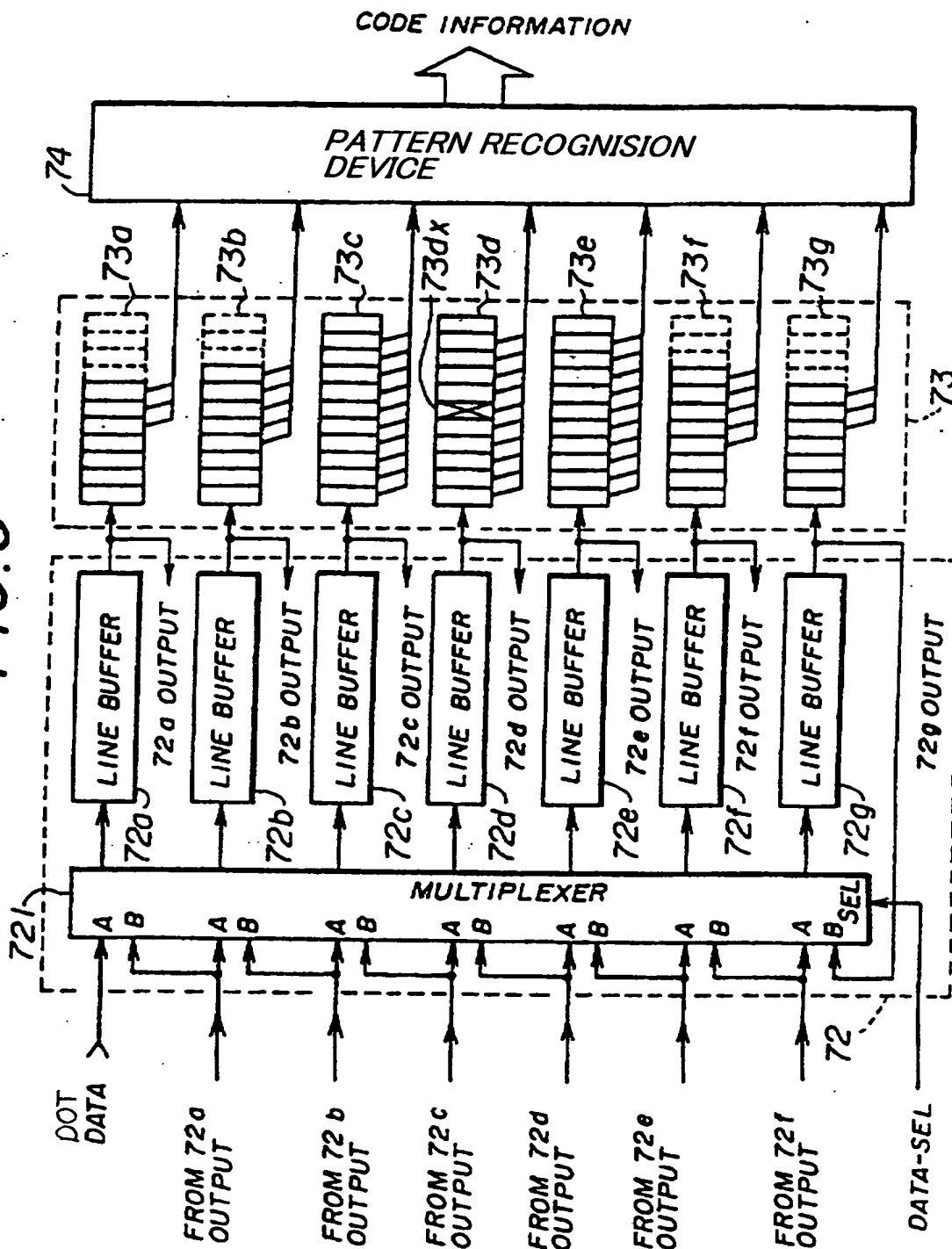


FIG. 6

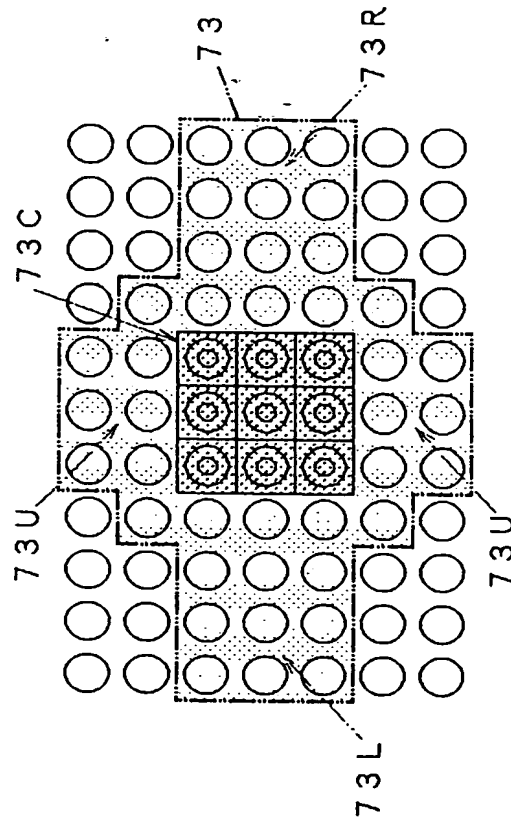
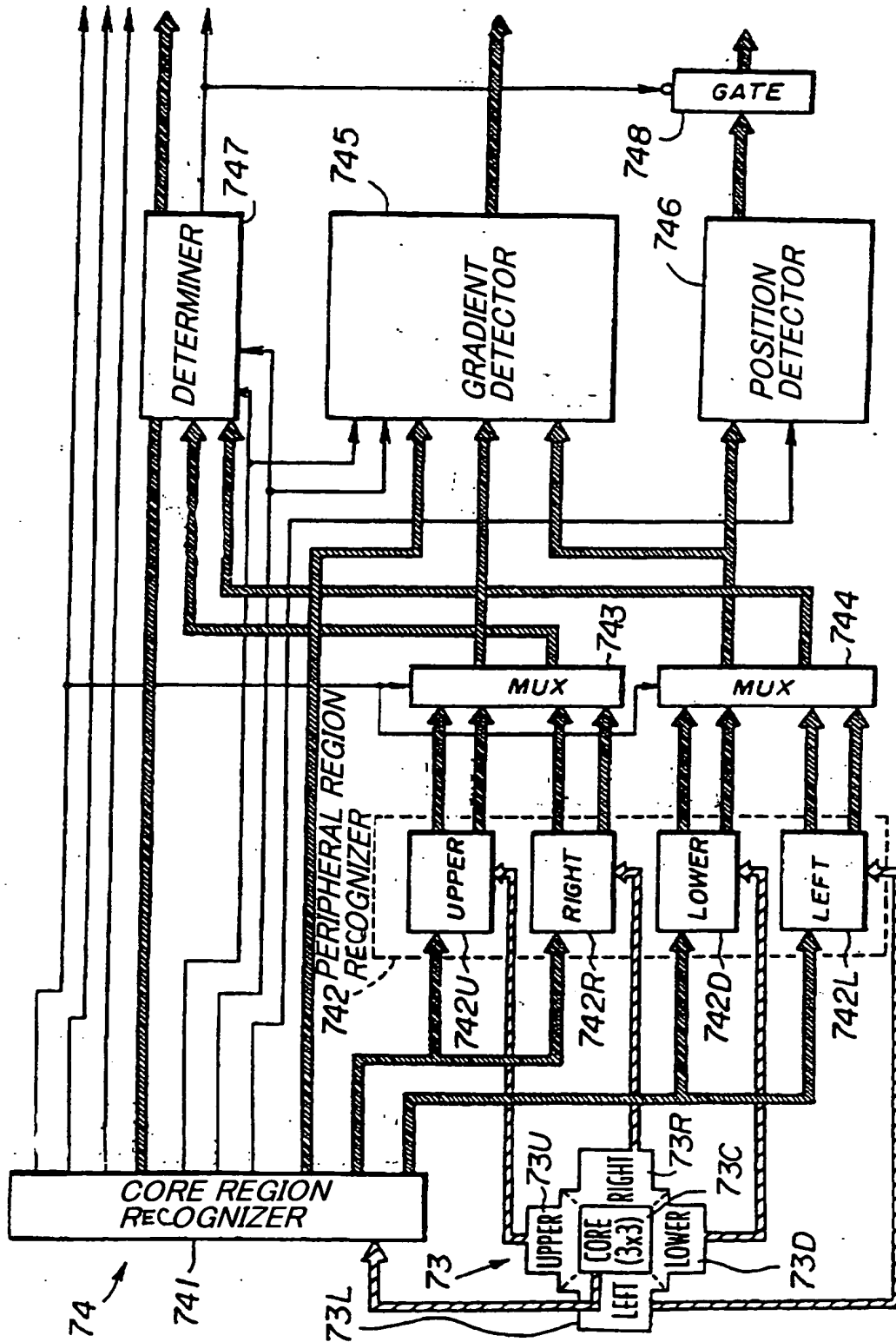


FIG. 7



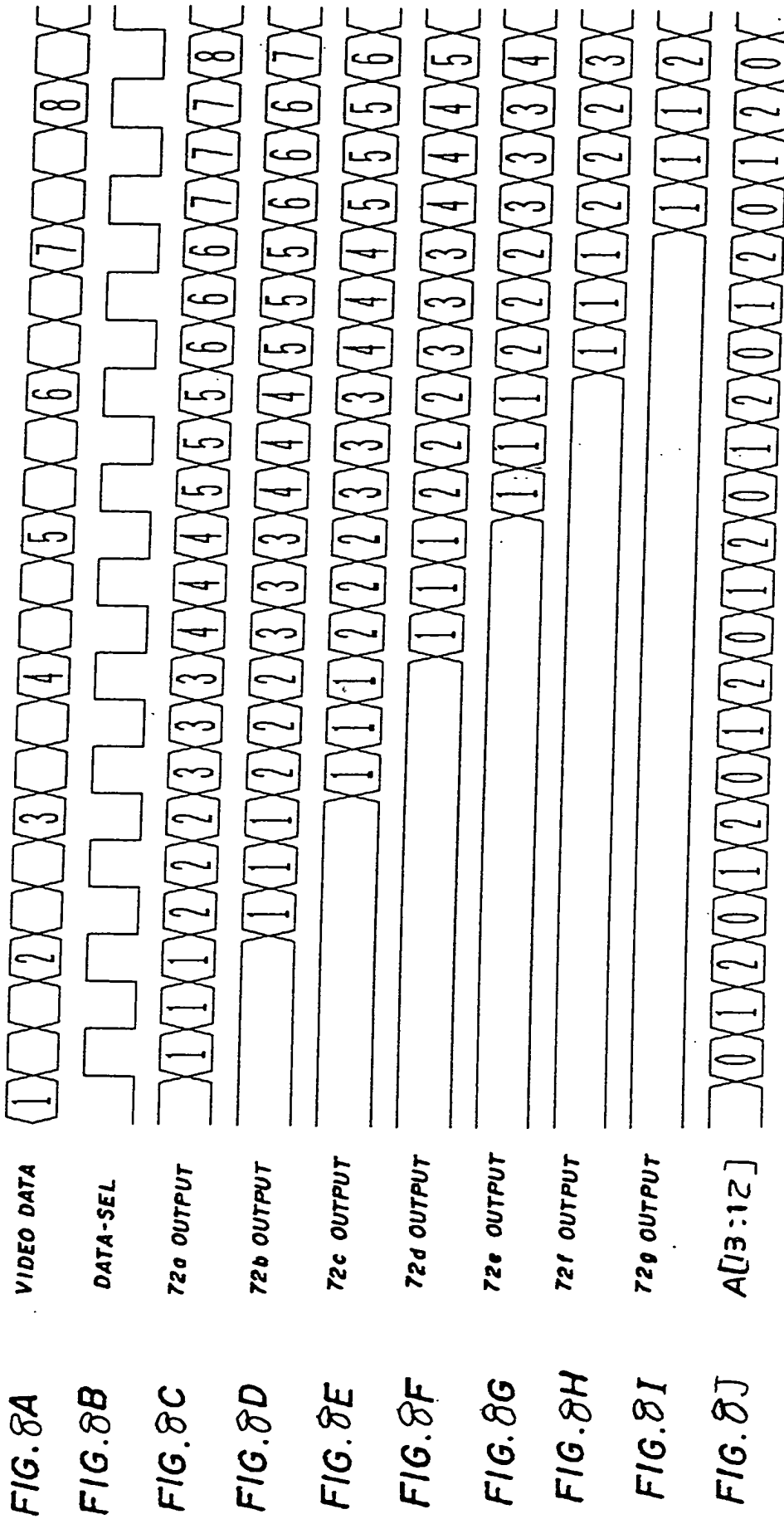


FIG. 9

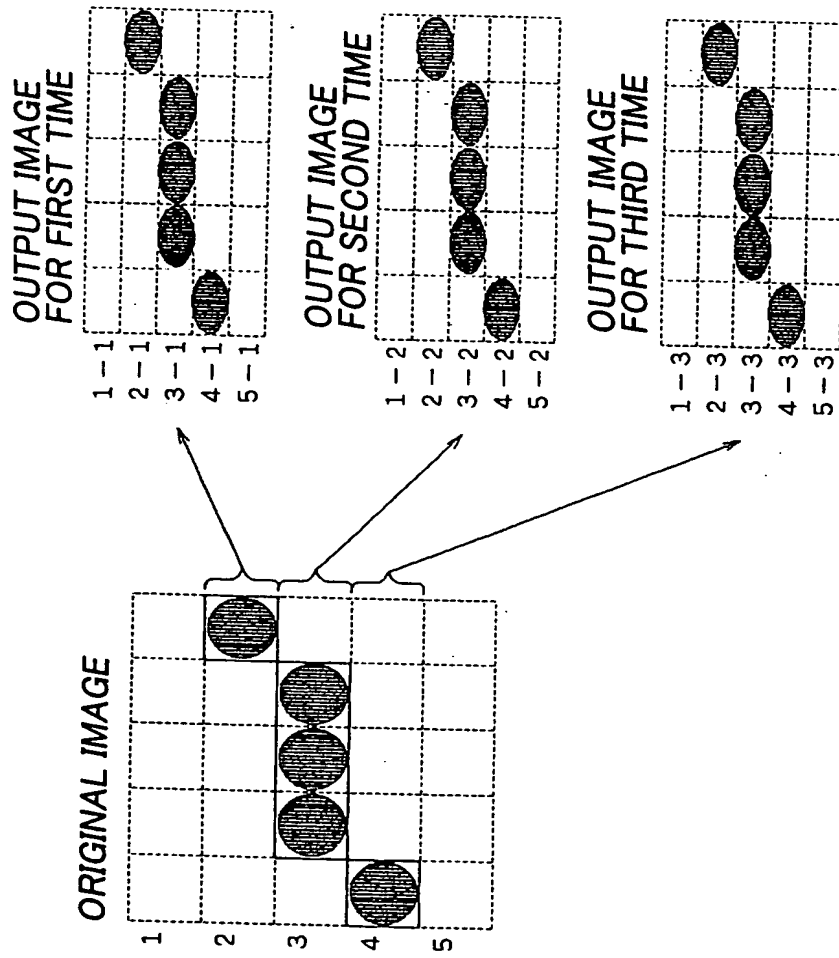


FIG. 10B

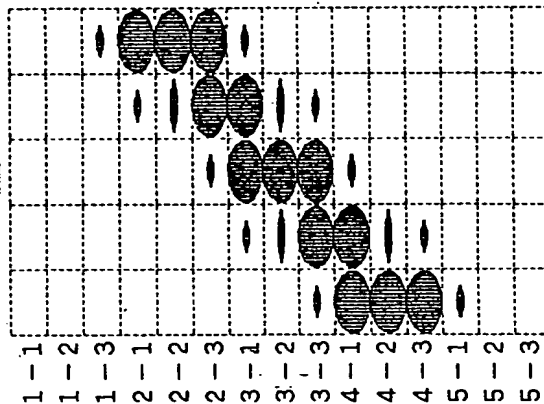
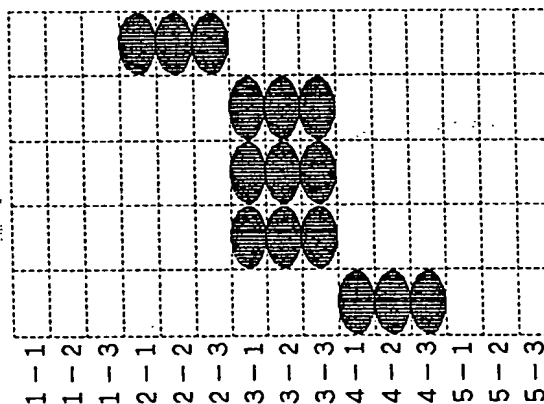
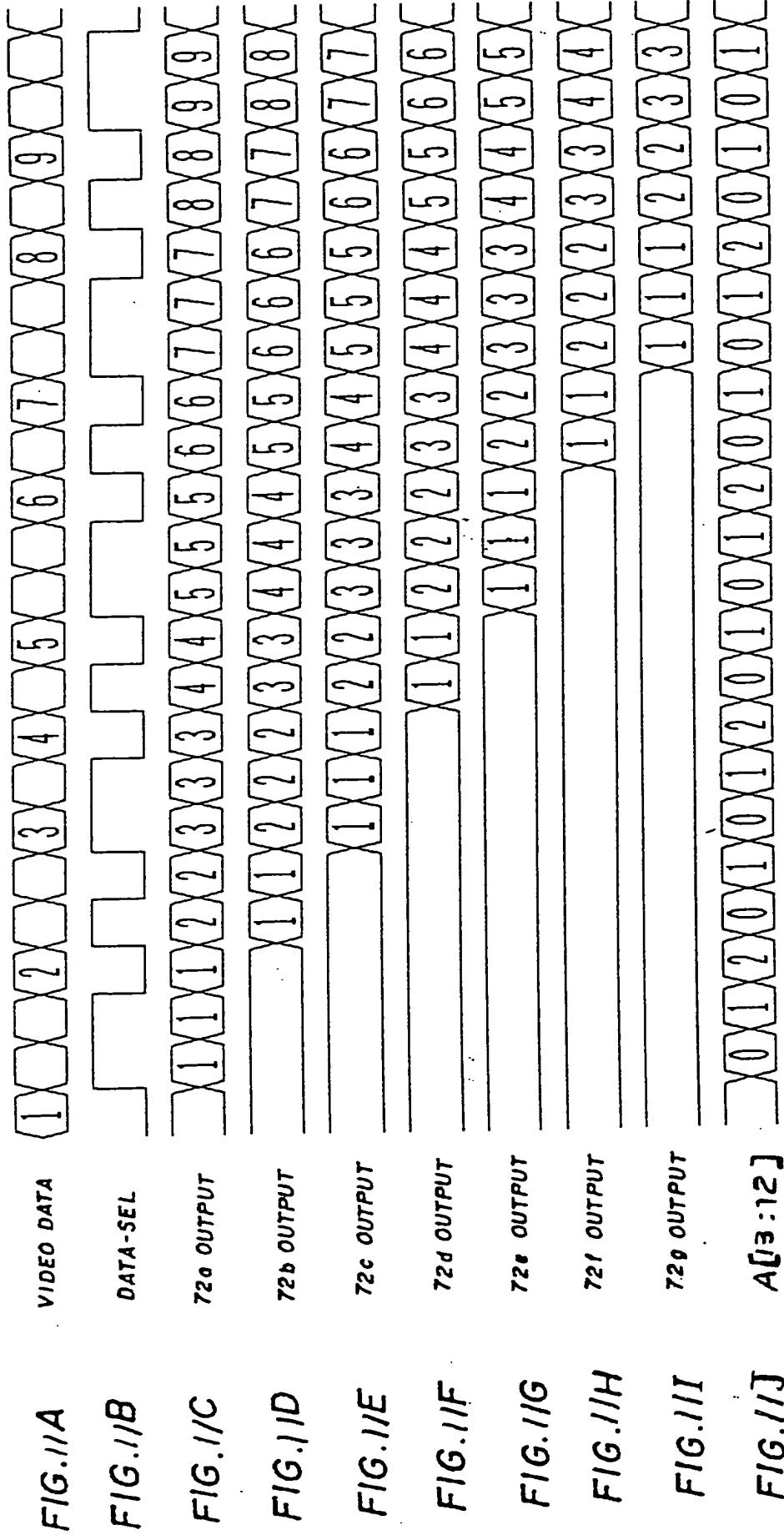


FIG. 10A





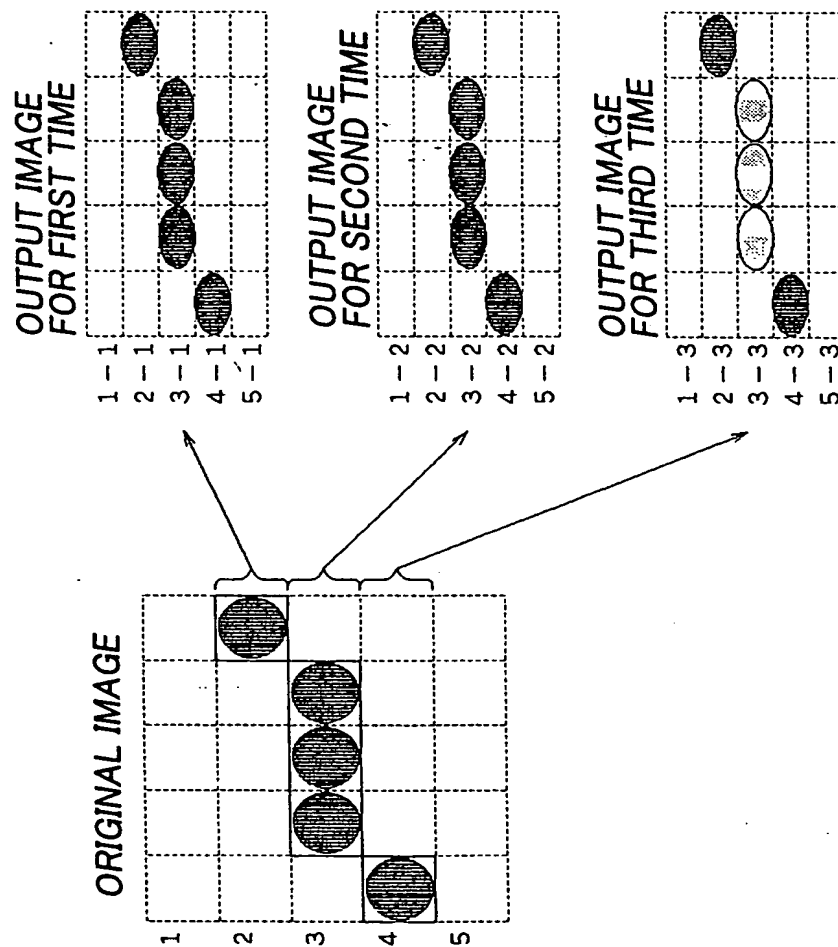
[illegible]

FIG. 13A

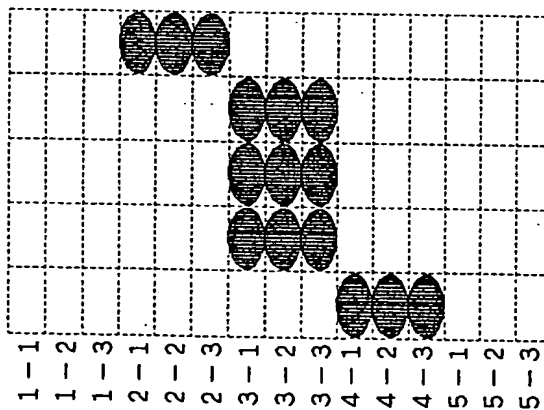


FIG. 13B

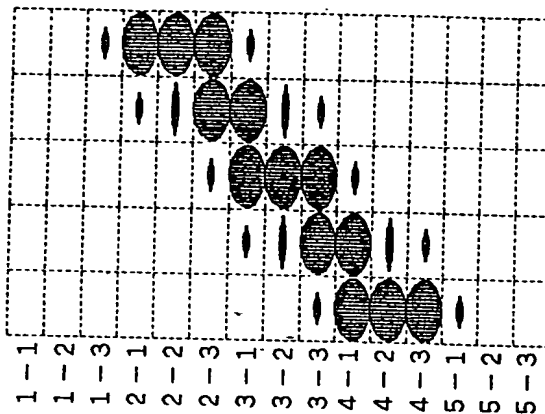


FIG. 14

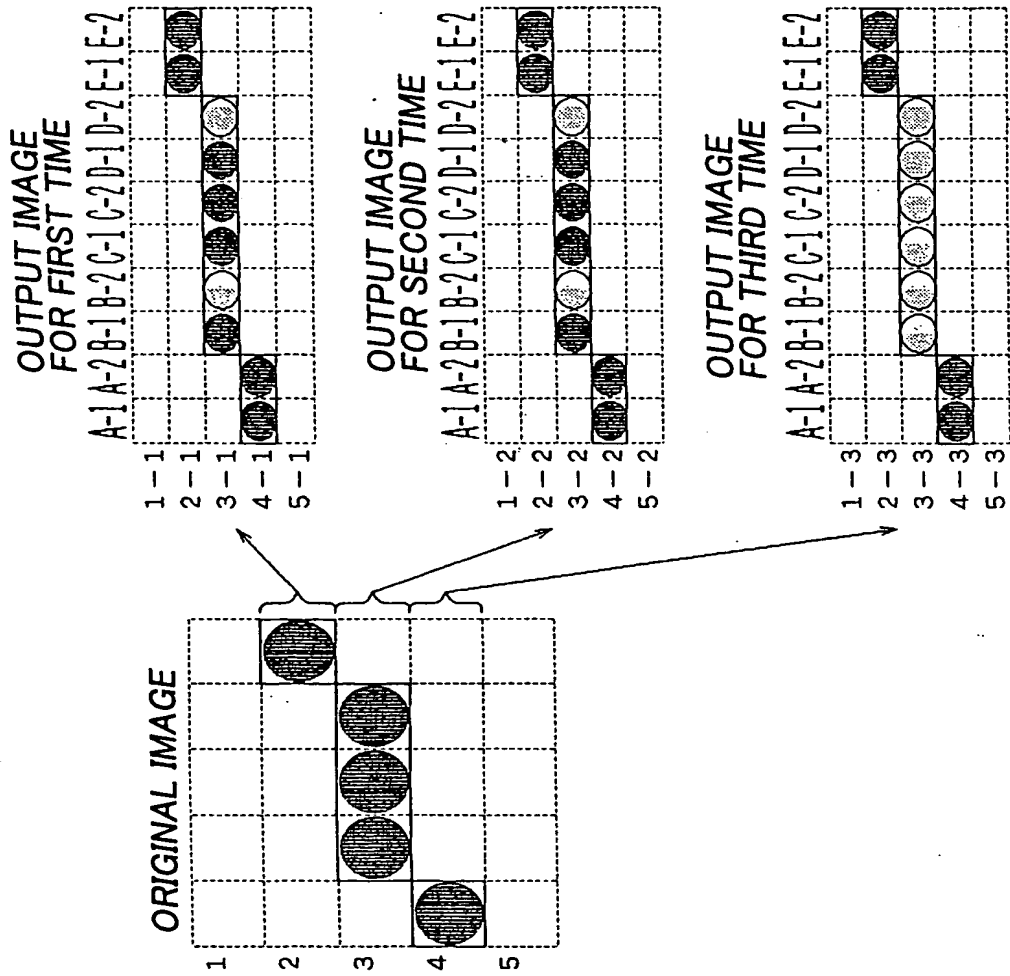


FIG. 15B

